

**REMARKS**

The above preliminary amendment is made to insert an abstract page into the application, to insert a new claims set for examination, and to remove multiple dependencies from the following claims: 34, 36, 37, 38, 39, 41, 42, 44, 47, 50, 51, and 53.

Applicant respectfully requests that this preliminary amendment be entered into the record prior to calculation of the filing fee and prior to examination and consideration of the above-identified application.

If a telephone conference would be helpful in resolving any issues concerning this communication, please contact Applicant's attorney of record, Michael B. Lasky at (952) 912-0527.

Respectfully submitted,

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32. Method for routing a data transmission connection between terminal equipment (TE) and a host, which network includes at least two access points (R1, R2, R3) for connection of the terminal equipment to the data transmission network, characterized in that

5 at least one criterion for the choice of an access point is established,

the access points are evaluated according to said criteria,

10 at least two access points (R1, R2) are chosen which meet said criteria, and

the data transmission traffic is connected simultaneously through these at least two chosen access points (R1, R2).

33. Method as defined in ~~claim 1~~, characterized in that the at least one access point meeting said criteria is chosen in the terminal equipment (TE).

15 <sup>Claim 32</sup> 34. Method as defined in ~~claim 1 or 2~~, characterized in that the at least one access point meeting said criteria is chosen in a gateway exchange (GW).

20 <sup>Claim 32</sup> 35. Method as defined in ~~claim 1~~, characterized in that in the method, in addition

at least one criterion is established for the choice of the transmission capacity of the data transmission of at least two chosen access points,

the chosen access points are evaluated according to said criteria,

25 the transmission capacity of each chosen access point is chosen according to the result of the evaluation, and

the data transmission is proportioned between the chosen access points in relation to the chosen transmission capacities.

36. Method as defined in ~~claim 1 or 4~~, characterized in that the access points are estimated constantly.

30 <sup>Claim 32</sup> 37. Method as defined in ~~claim 1 or 4~~, characterized in that the access points are estimated at certain intervals of time.

<sup>Claim 36</sup> 38. Method as defined in ~~claim 5 or 6~~, characterized in that the access points are estimated by monitoring the quality of the data transmission.

*Claim 32*

a 31 Method as defined in ~~claims 1-7~~, characterized in that the application (APPL) used in the terminal equipment is given reports on the characteristics of the chosen access point.

a 32 Method as defined in ~~claim 31~~, characterized in that the functioning of the application (APPL) is adapted according to the reported characteristics.

a 33 Method as defined in ~~claim 1 or 8~~, characterized in that characteristics of the chosen access point are reported to the user.

a 34 Method as defined in ~~claim 1 or 4~~, characterized in that at least one criterion is established from the application (APPL) to be used.

a 35 Method as defined in ~~claim 11~~, characterized in that at least one access point meeting said criteria is chosen for the individual application.

15 36 Method as defined in ~~claim 1 or 4~~, characterized in that of the access points at least one is wireless.

20 37 Method of routing a data transmission connection between terminal equipment (TE) and a host over a data transmission network including at least two access points (R1, R2, R3) for connection of the terminal equipment to the data transmission network, characterized in that at least one criterion is established for the choice of the data transmission relaying capacity of at least two access points,

25 38 the access points are estimated in accordance with the criteria, the relaying capacity of each access point is chosen according to the results of the estimation, and

30 39 the data transmission traffic is proportioned between the access points in relation to the chosen relaying capacities.

40 40 Method as defined in ~~claim 14~~, characterized in that the access points are estimated according to the criteria in the terminal equipment (TE).

41 41 Method as defined in ~~claim 14 or 15~~, characterized in that the access points are estimated according to the criteria in a gateway exchange (GW).

42 42 Method as defined in ~~claim 14~~, characterized in that the access points are estimated continuously.

*Claim 45*

a 41. Method as defined in ~~claim 14~~, characterized in that the access points are estimated at certain intervals.

a 42. Method as defined in ~~claim 14, 17 or 18~~, characterized

5 in that the access points are estimated by monitoring the quality of the data transmission.

a 43. Method as defined in ~~claims 14 - 19~~, characterized

in that characteristics of the access point are reported to the application (APPL) used in the terminal equipment.

*Claim 51*

a 44. Method as defined in ~~claim 20~~, characterized in that 10 the operation of the application (APPL) is adapted in accordance with the reported characteristics.

*Claim 45*

a 45. Method as defined in ~~claim 14 or 20~~, characterized in that characteristics of the access point are reported to the user.

a 46. Method as defined in ~~claim 14~~, characterized in that

15 at least one criterion is established from the application (APPL) to be used.

a 47. Method as defined in ~~claim 14~~, characterized in that

of the access points at least one is wireless.

56. Arrangement for routing a data transmission connection be-

tween terminal equipment (TE) and a host over a data transmission network, 20 which network includes at least two access points (R1, R2, R3) for connecting the terminal equipment to the data transmission network,

characterized in that the arrangement includes

a router located in the terminal equipment (TE) for routing the data transmission through at least one access point at a time.

a 57. Arrangement as defined in ~~claim 25~~, characterized in

that at least one of the access points is wireless.

58. Arrangement for routing a data transmission connection be-

tween terminal equipment (TE) and a host over a data transmission network, 30 which network includes at least two access points (R1, R2, R3) for connecting the terminal equipment to the data transmission network,

characterized in that the arrangement includes

a router located in the terminal equipment (TE) and in a gateway exchange (GW) for routing the data transmission through at least one access point at a time.

*Claim 59*

a 59. Arrangement as defined in ~~claim 27~~, characterized in that of the access points at least one is wireless.

60 . Arrangement for routing a data transmission connection between terminal equipment (TE) and a host over a data transmission network, which network includes at least two access points (R1, R2, R3) for connecting the terminal equipment to the data transmission network,

5 characterized in that the arrangement includes  
a router located in a gateway exchange (GW) for routing the data transmission through at least one access point at a time.

*a* 61 . Arrangement as defined in claim 20, characterized in that of the access points at least one is wireless.

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